



installation and
operation manual
for Hunter
Ceiling Fans

Welcome

For Your Records and Warranty Assistance

Model Name: _____

Catalog/Model No.: _____

Serial No.: _____

Date Purchased: _____

Where Purchased: _____

For reference also attach your receipt or a copy of your receipt to the manual.

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Your new Hunter® ceiling fan is an addition to your home or office that will provide comfort and performance for many years. This installation and operation manual gives you complete instructions for installing and operating your fan.

We are proud of our work. We appreciate the opportunity to supply you with the best ceiling fan available anywhere in the world.

Before installing your fan, for your records and warranty assistance, record information from the carton and Hunter nameplate label (located on the top of the fan motor housing).

Cautions and Warnings

- Read this entire manual carefully before beginning installation. Save these instructions.
- Use only Hunter replacement parts.
- To reduce the risk of personal injury, attach the fan directly to the support structure of the building according to these instructions, and use only the hardware supplied.
- To avoid possible electrical shock, before installing your fan, disconnect the power by turning off the circuit breakers to the outlet box and associated wall switch location. If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the service panel.
- All wiring must be in accordance with national and local electrical codes and ANSI/NFPA 70. If you are unfamiliar with wiring, use a qualified electrician.
- To reduce the risk of personal injury, do not bend the blade attachment system when installing, balancing, or cleaning the fan. Never insert foreign objects between rotating fan blades.
- To reduce the risk of fire, electrical shock, or motor damage, do not use a solid-state speed control with this fan. Use only Hunter speed controls.

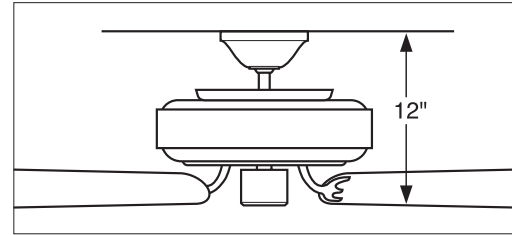
Mounting and Optional Accessories

Understanding Mounting

Hunter's patented mounting system provides you maximum installation flexibility and ease. You can install your Hunter fan in one of two ways, depending on ceiling height and your preference: Standard or Angle mounting. The steps in this manual include instructions for both mounting methods.

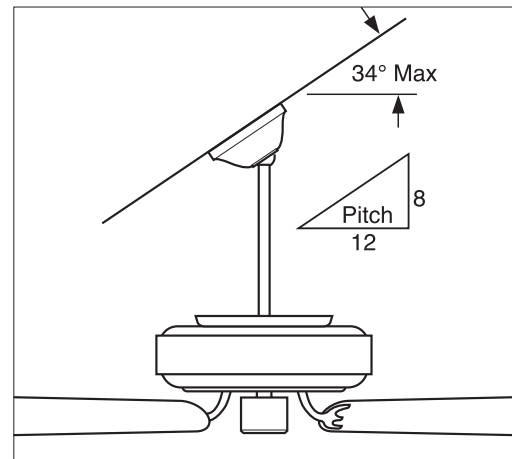
Considering Optional Accessories

Consider using Hunter's optional accessories, including a wall-mounted or remote speed control. To install and use the accessories, follow the instructions included with each product. For quiet and optimum performance of your Hunter fan, use only Hunter speed controls.



Standard Mounting hangs from the ceiling by a downrod (included), recommended for ceilings 8 feet or higher

For ceilings higher than 8 feet, you can purchase Hunter extension downrods. All Hunter fans use sturdy 3/4" diameter pipe to assure stability and wobble-free performance.



Angle Mounting recommended for a vaulted or angled ceiling

1 • Getting Ready

4

Installing Multiple Fans?

If you are installing more than one fan, keep the fan blades in sets, as they were shipped.

To install a ceiling fan, be sure you can do the following:

- Locate the ceiling joist or other suitable support in ceiling.
- Drill holes for and install wood screws.
- Identify and connect electrical wires.
- Lift 40 pounds.

If you need help installing the fan, your Hunter fan dealer can direct you to a licensed installer or electrician.

Gathering the Tools

You will need the following tools for installing the fan:

- Electric drill with 9/64" bit
- Standard screwdriver
- Phillips-head screwdriver
- Wrench or pliers

Check Your Fan Parts

Carefully unpack your fan to avoid damage to the fan parts. Check for any shipping damage to the motor or fan blades. If one of the fan blades was damaged in shipment, return all the blades for replacement.

If any parts are missing or damaged, contact your Hunter dealer or call Hunter Parts Department at 888-830-1326.

Preparing the Fan Site

Before you begin installing the fan, follow all the instructions in the pullout sheet called "Preparing the Fan Site." Proper ceiling fan location and attachment to the building structure are essential for safety, reliable operation, maximum efficiency, and energy savings.

2 • Installing the Hanger Bracket

- 2-1. Drill two pilot holes into the wood support structure through the outermost holes in the outlet box. The pilot holes should be $\frac{9}{64}$ " in diameter.

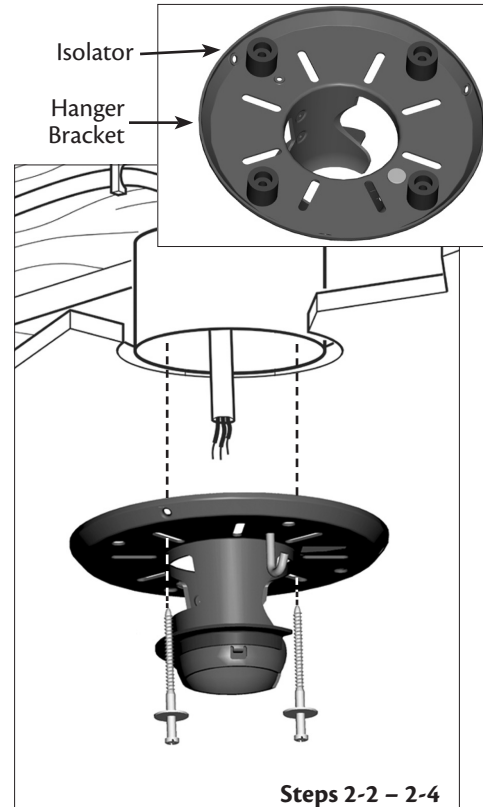
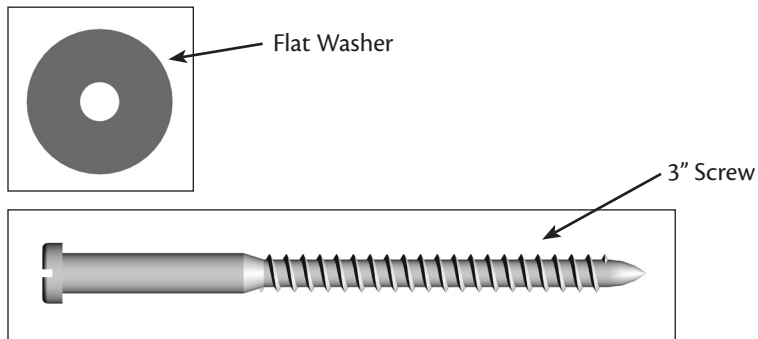
Note: Your fan comes with four pre-installed neoprene noise isolators.

- 2-2. Thread the lead wires from the outlet box down through the hole in the middle of the hanger bracket.
- 2-3. Align the slotted holes in the hanger bracket with the pilot holes you drilled in the wood support structure. For proper alignment use slotted holes directly across from each other. If you are installing the fan on an **angled** ceiling, be sure to orient the hanger bracket with the large opening towards the ceiling peak.

Note: The isolators should be flush against the ceiling.

- 2-4. Place a flat washer on each of the two 3" screws and pass the screws through the slotted holes in the hanger bracket into the pilot holes you drilled.

Tighten the screws into the $\frac{9}{64}$ " pilot holes; do not use lubricants on the screws. Do not over tighten.

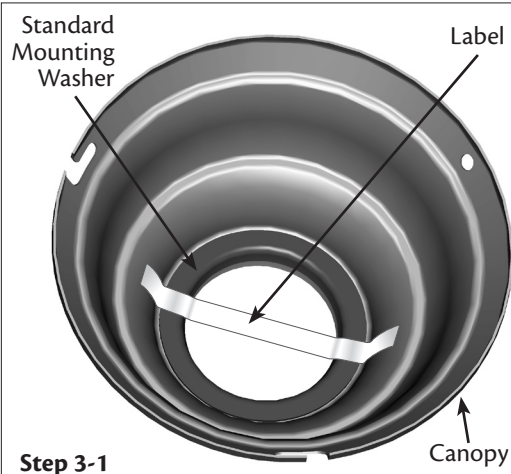


Step 2-3 (Angled Ceiling Only)



For Angled Ceilings: Be sure to orient the hanger bracket with the large opening towards the ceiling peak.

3 • Assembling and Hanging the Fan

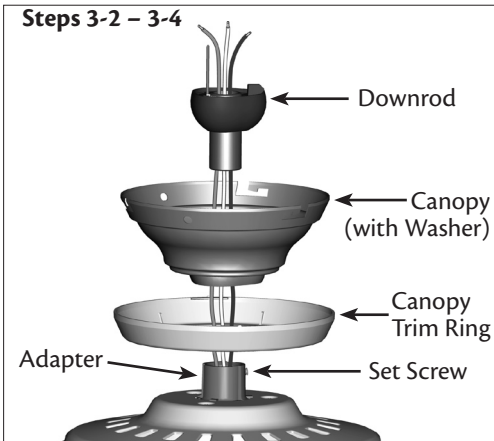


You can assemble your fan for **standard** or **angle** mounting as shown in steps 3-1 – 3-6.

- 3-1. Remove the label from the standard mounting washer inside the canopy. Leave the washer in place.
- 3-2. To assemble fan to hang down from a flat or angled ceiling, place the canopy with washer, and canopy trim ring around the adapter so that they rest on the fan assembly.
- 3-3. Feed the wires from the fan through the downrod.
- 3-4. Screw the downrod into the fan assembly. Tighten the allen head set screw using the included allen wrench.

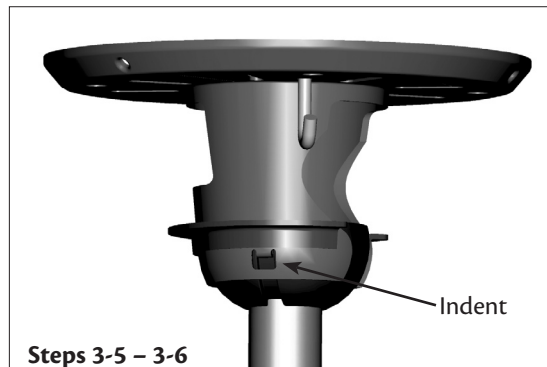
⚠ CAUTION: The downrod has a special coating on the threads. Do not remove this coating; the coating prevents the downrod from unscrewing. Once assembled, do not remove the downrod.

⚠ WARNING: Do not carry or lift fan by canopy.



- 3-5. Raise the fan and place the ball into the hanger bracket.
- 3-6. Align the notch on the ball with the indent in the hanger bracket. (Rotate the fan until you hear the notch pop into place.)

⚠ WARNING: Fan may fall if not assembled as directed in these installation instructions.



4 • Setting the Remote Transmitter and Receiver

You must now set the jumper switches in the remote transmitter and receiver so that they match.

- 4-1. Change the position of the jumper switches in the transmitter and the receiver. Be sure the position of the jumper switches matches. If they don't match, the controller will not function. For instructions on how to set the jumper switches, read the box below.
- 4-2. Install the included 12-volt battery into the transmitter.

Setting Jumper Switches

When two or more fans are located near each other, you may desire to have the receiver/transmitter for each fan set to a different code, so that the operation of one fan does not affect the operation of the other fans.

In the transmitter you can access the jumpers from the battery compartment. The jumpers are very small. You can move them most easily using a small pair of pliers or tweezers. **IMPORTANT!** Before you change jumper switches, make sure the battery is not connected to the transmitter.

⚠ CAUTION: The remote control device complies with part 15 of the FCC rules. Changes or modifications not expressly approved by Hunter Fan Company could void your authority to operate this equipment.

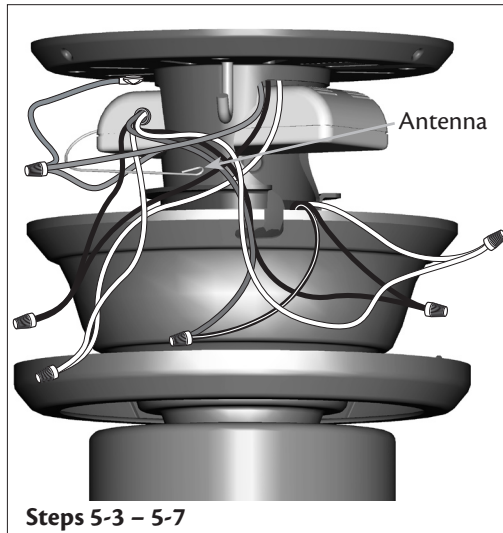
Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

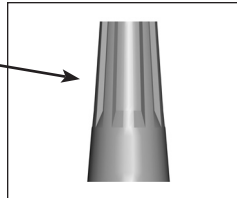
Note: Use with a fan that incorporates an air gap switch (normal on-off wall switch).

⚠ WARNING: Maximum fan load is 1 Amp; maximum lamp is 100 Watts. Do not use any speed control with this product.

5 • Wiring the Fan



Wire Nut



All wiring must be in accordance with national and local electrical codes and ANSI/NFPA 70. If you are unfamiliar with wiring, use a qualified electrician.

- 5-1. Disconnect the power by turning off the circuit breakers to the outlet box and associated wall switch location.
- 5-2. To connect the wires, hold the bare metal leads together and place a wire nut over them, then twist clockwise until tight. For all these connections use the larger wire nuts provided.

⚠ CAUTION: Be sure no bare wire or wire strands are visible after making connections.

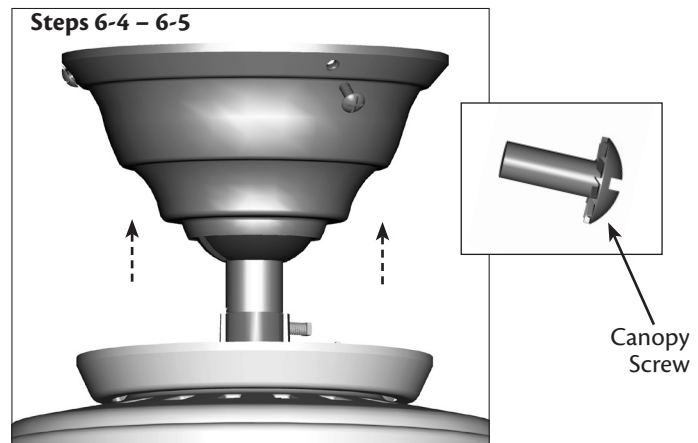
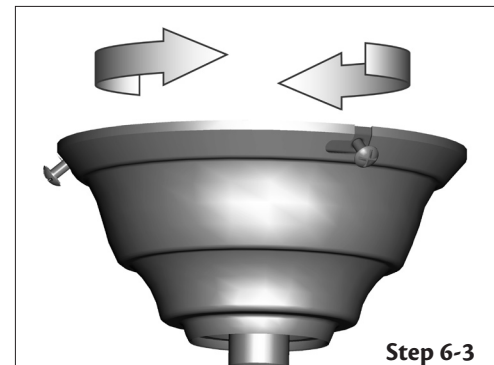
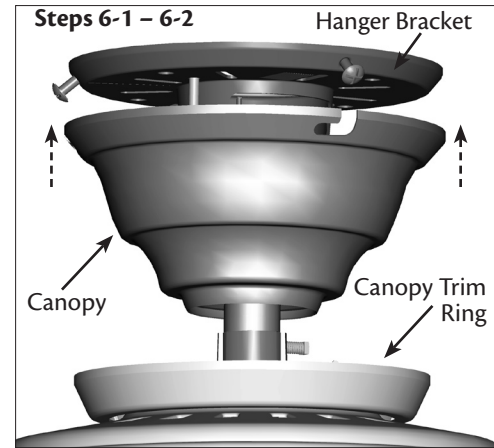
- 5-3. Connect the ground wire from the ceiling to the green ground wire from the hanger bracket and the green ground wire from the downrod.
- 5-4. Connect the white and black wires from the ceiling as follows:
 - The white (common) power wire from the ceiling to the white wire from the receiver (marked on red tag “NEUTRAL IN”)
 - The black power wire from the ceiling to the black wire from the receiver (marked on red tag “LIVE IN”)
- 5-5. Connect the wires from the fan as follows:
 - The black/white wire from the fan to the red wire from the receiver (marked on white tag “LIGHT OUT”)
 - The black wire from the fan to the black wire from the receiver (marked on white tag “FAN OUT”)
 - The white wire from the fan to the white wire from the receiver (marked on white tag “COMMON OUT”)
- 5-6. Push all wires and wire nuts back through the hanger bracket hole into the outlet box.
- 5-7. Run the white antenna wire from the receiver through one of the slots in the hanger bracket so that it rests between the hanger bracket and the ceiling. Push it to the edge of the hanger bracket for clear reception.

6 • Installing the Canopy and Canopy Trim Ring

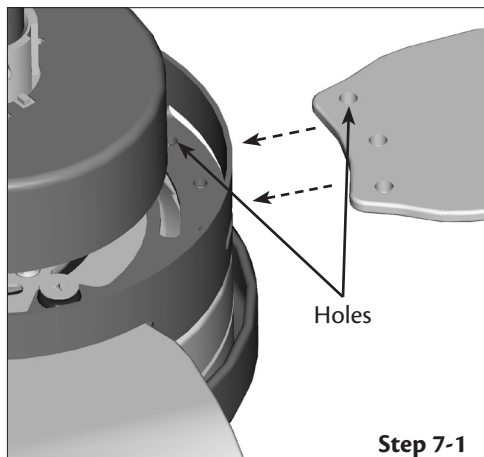
- 6-1. Partially install two canopy screws (about 2 full turns) in the hanger bracket.
- 6-2. Raise the canopy over the hanger bracket (For low profile installations, you will need to remove the canopy from the hook first). Align partially installed screws with key slots in canopy.
- 6-3. Twist canopy clockwise to secure.
- 6-4. Install third canopy screw in round hole on canopy. Securely tighten all three screws.
- 6-5. Using both hands, push the canopy trim ring up to the top of the canopy. The canopy trim ring will snap and lock into place.

Should you need to remove the canopy trim ring, follow these steps:

1. Locate the tab indicators, small bumps on top of tabs.
2. Press firmly on opposite sides of the ring towards the canopy. The tabs will flex out releasing the trim ring from the canopy



7 • Assembling the Blades

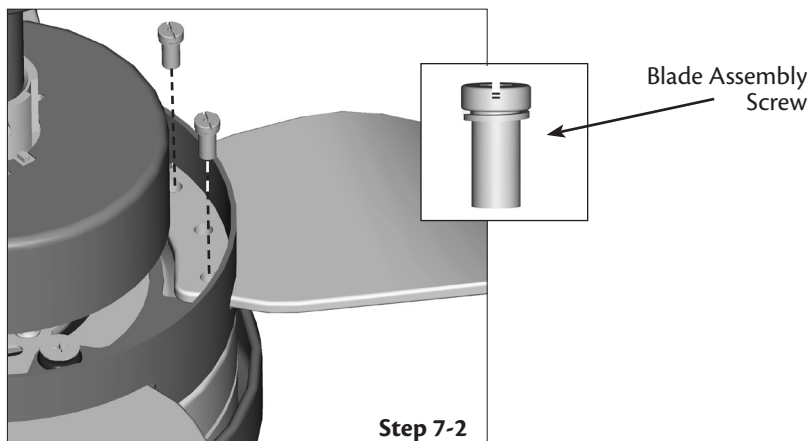


7-1. Insert blade into slot. Align the holes on the blade with the holes on the blade iron.

7-2. Attach the blade to the motor using the blade assembly screws.

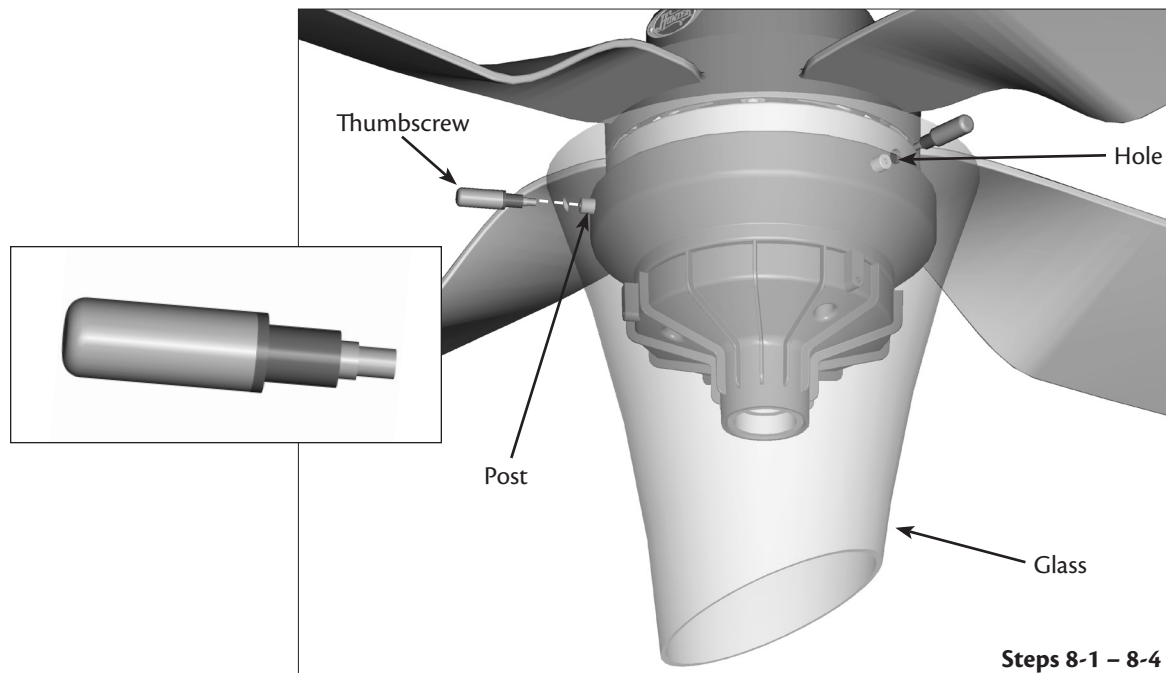
Note: Do not use the middle hole on the blade.

7-3. Repeat for each blade.

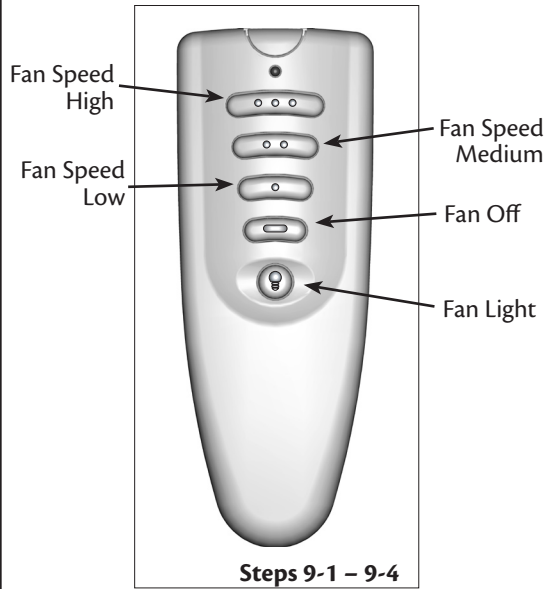


8 • Installing the Glass

- 8-1. Raise the glass to the fan assembly.
- 8-2. While holding up the glass, align the thumbscrew, the hole in the glass, and the post on the motor housing.
- 8-3. Install three (3) thumbscrews.
- 8-4. Install 1 standard A-19 bulb (100W max).

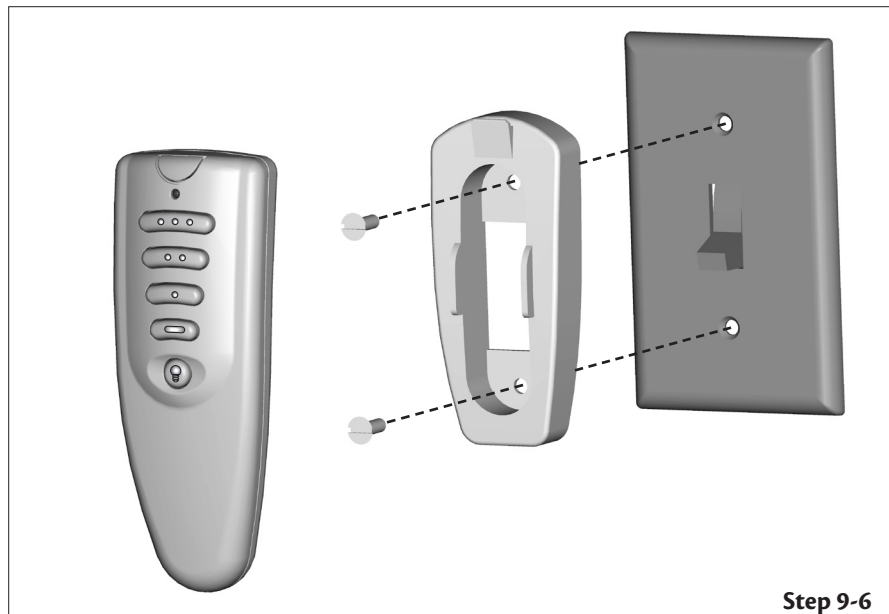
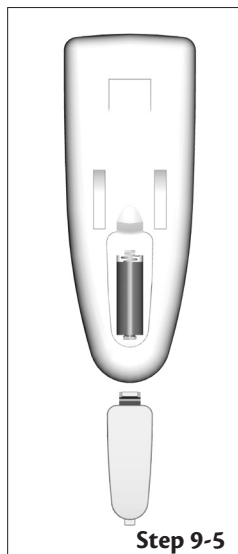


9 • Operating the Remote Control and Mounting the Holder



- 9-1. The remote transmitter has individual buttons for turning the fan off and on and controlling the light and fan speed.
- 9-2. For best operation, start the fan by pressing high, then select your desired speed.
- 9-3. The light button turns the light on to full brightness. To dim the light, hold the light button down until you reach your desired brightness. Push the light button again to turn off the light.
- 9-4. Press the OFF button to turn the fan off.
- 9-5. When necessary, replace the battery with a 12-volt type 23A, MN-21 battery or equivalent.
- 9-6. You can mount the remote holder to any toggle switch plate with the screws already in the switch plate. Or, you can simply mount the remote holder on the wall.

12



10 • Operating and Cleaning Your Ceiling Fan

- 10-1. Restore power at the main electrical panel and turn on the wall switch. The light kit should turn ON.

Note: To turn on the light without the remote, turn off the wall switch for 5 seconds, then back on. The light kit will turn on at maximum brightness.

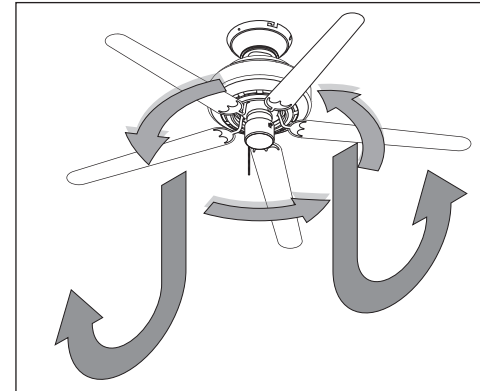
- 10-2. Press the remote control's HIGH speed button. The fan should start and reach its maximum speed.

Note: For everyday operation, leave the wall switch ON. If the remote control will not be used for 5 days or more, turn the wall switch OFF.

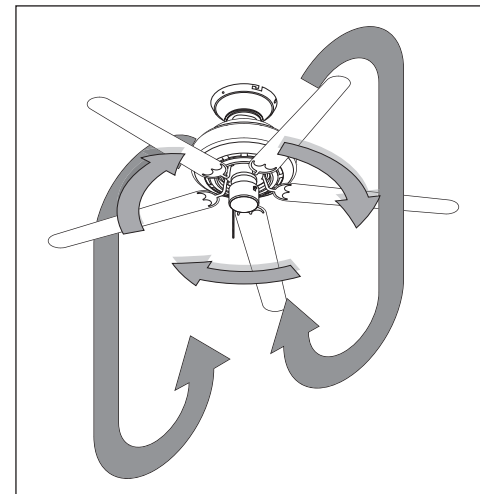
- 10-3. Ceiling fans work best by blowing air downward (counterclockwise blade rotation) in warm weather to cool the room with a direct breeze. In winter, having the fan draw air upward (clockwise blade rotation) will distribute the warmer air trapped at the ceiling around the room without causing a draft.

- 10-4. For cleaning finishes, use a soft brush or lint-free cloth to prevent scratching. A vacuum cleaner brush nozzle can remove heavier dust. Remove surface smudges or accumulated dirt and dust using a mild detergent and a slightly dampened cloth. You may use an artistic agent, but never abrasive cleaning agents as they will damage the finish.

- 10-5. Clean wood finish blades with a furniture polishing cloth. Occasionally, apply a light coat of furniture polish for added protection and beauty. Clean painted and high-gloss blades in the same manner as the fan finish.



In warm weather, use downward air flow pattern

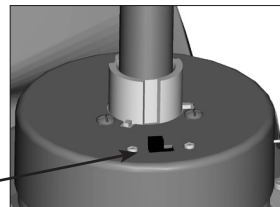


In cold weather, use upward air flow pattern

To Change Airflow Direction

Turn the fan off and let it come to a complete stop. Slide the reversing switch on the fan to the opposite position. Restart fan.

Reversing
Switch



11 • Troubleshooting

Problem: Nothing happens; fan does not move.

1. Turn power on, replace fuse, or reset breaker.
2. Loosen canopy, check all connections according to the wiring the fan section.
3. Check the plug connection in the switch housing.
4. Push motor reversing switch firmly up or down to ensure that the switch is engaged.

Problem: Noisy operation.

1. Tighten the blade screws until snug.
2. Check to see if the blade is cracked. If so, replace all the blades.
3. Be sure that the glass is secure.

Problem: Excessive wobbling.

1. If your fan wobbles when operating, use the enclosed balancing kit and instructions to balance the fan.
2. Tighten all blade and/or blade iron screws.
3. Turn power off, support fan very carefully, and check that the hanger ball is properly seated.

If you need parts or service assistance, please call 888-830-1326 or visit us at our WEB site at <http://www.hunterfan.com>.

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